



January 4, 2019

Ottawa Centre Monthly Meeting

Welcome to RASC members and visitors



Observing Challenge

Last Month

Beginner Challenge: M31

Intermediate Challenge: NGC6888

Advanced Challenge: Stephan's Quintet

Lunar Challenge: Mons Hadley and Rima Hadley



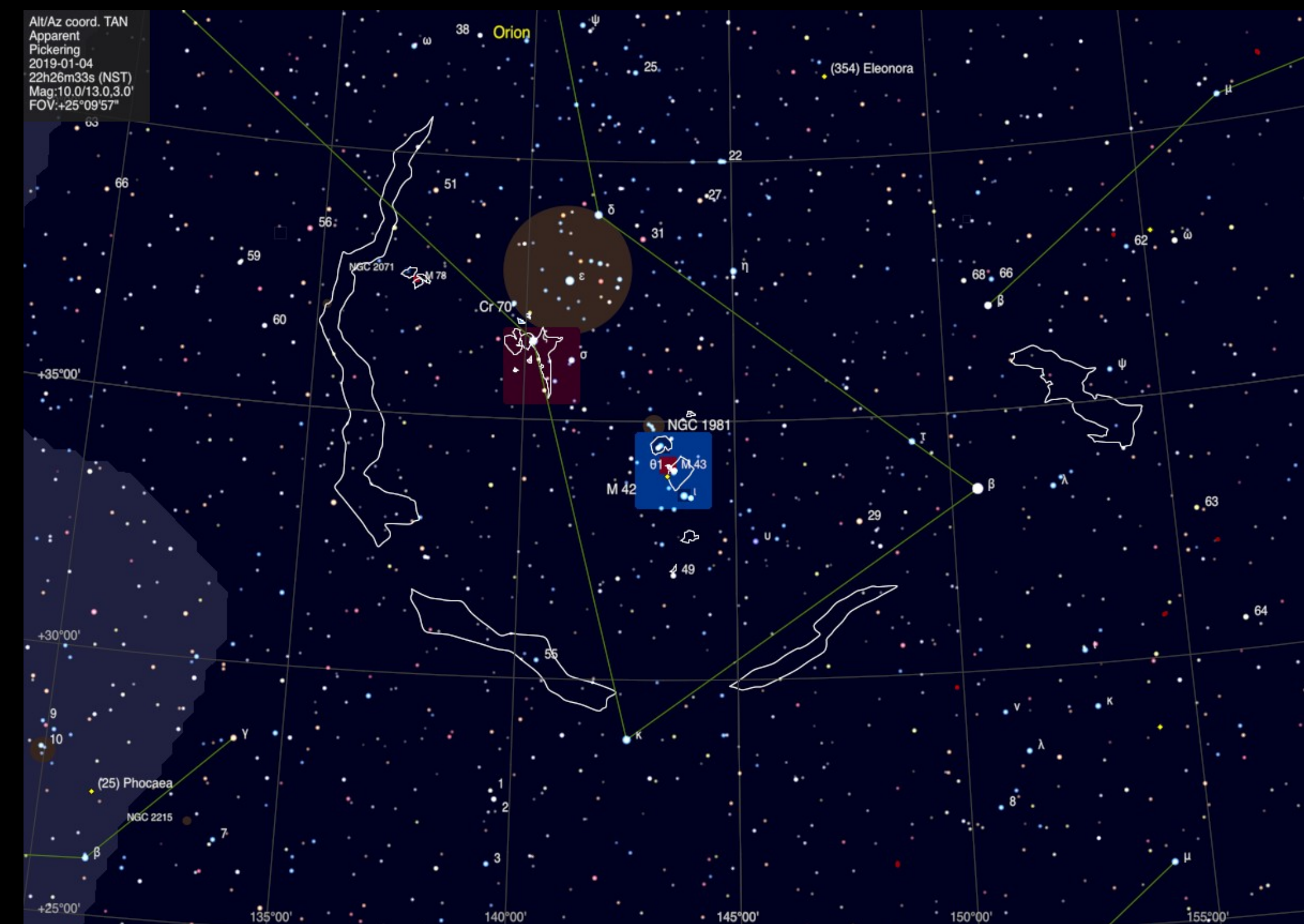


Deep Sky Challenge

Beginner Challenge

M42 - The Orion Nebula

- Star forming nebula in the constellation Orion
- Forms part of the “sword” of Orion, hanging just off Orion’s fashionable belt
- Easy object in binoculars, and a wonderful object to look at in any telescope



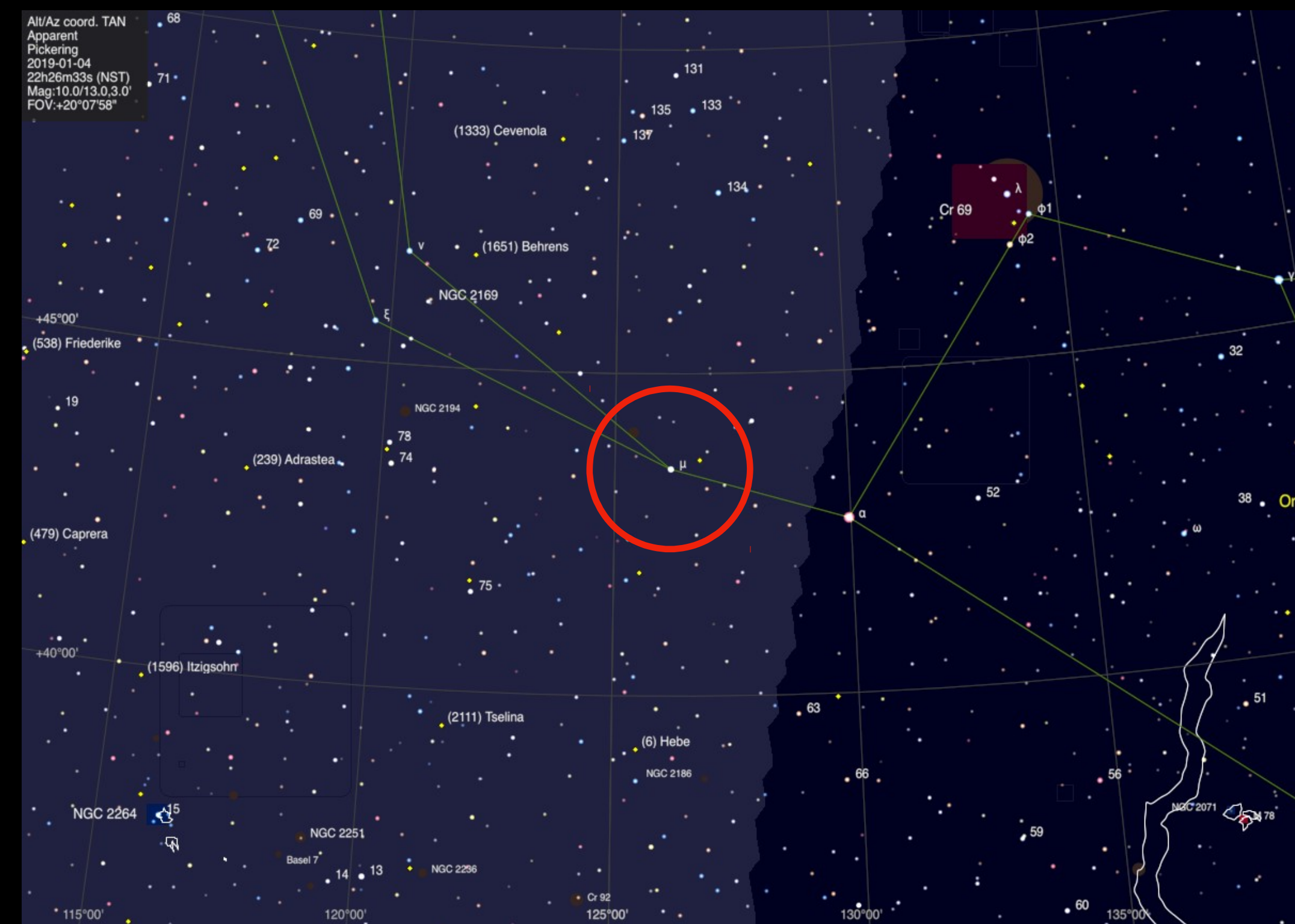


Deep Sky Challenge

Intermediate Challenge

Abell 12

- Planetary nebula in Orion
- Magnitude 13.9 in brightness
- About 37" in size
- Very close to Mu Orionis — requires a clear night as any haze in the sky
- May require an UHC or O-III filter to help bring it out of the glare



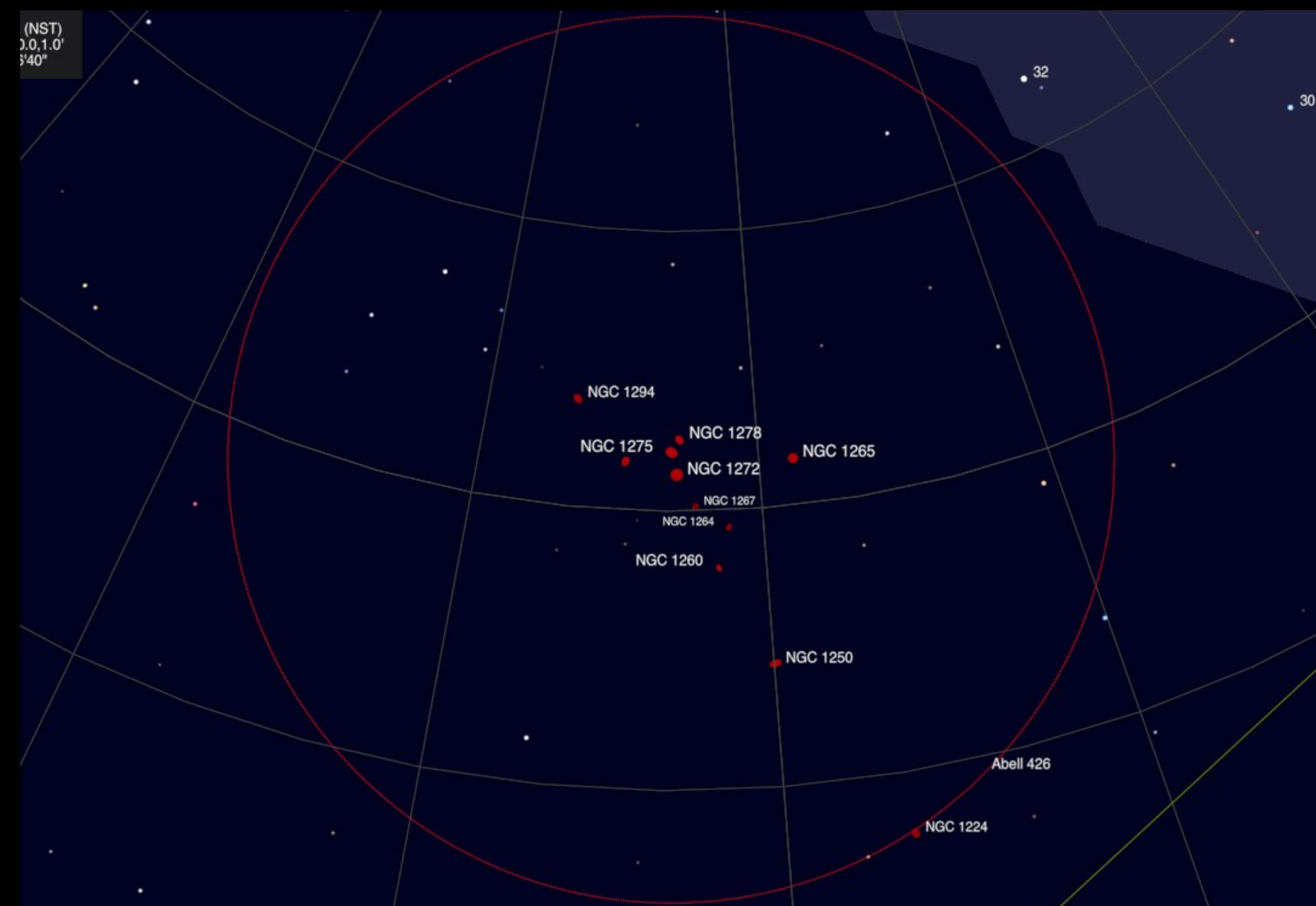


Deep Sky Challenge

Advanced Challenge

Abel Galaxy Cluster 426

- Galaxy Cluster in Perseus
- Many Galaxies in the cluster, How many can you spot?
- 18 NGC Objects, 11 UGC Objects, 6 IC Objects, 1 PGC Object





Lunar Challenge

Craters Armstrong, Aldrin & Collins

- Located within Mare Tranquillitatis near the Apollo 11 landing site.
- Best viewed on lunar days 5 & 19
- Armstrong crater is about 5km in diameter, Collins & Aldrin about 3 km each.





Observing Challenge



Beginner Challenge: The Orion Nebula (M42)

Intermediate Challenge: Abell 12

Advanced Challenge: Abell Galaxy Cluster 426

Lunar Challenge: Craters Armstrong, Aldrin & Collins